

# 850 Purchase Order

Functional Group ID=**PO**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BEG	Beginning Segment for Purchase Order	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Header Sale Condition	O	5		
			LOOP ID - SAC			25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	2		
	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	CTB	Restrictions/Conditions	O	5		
Not Used	285	TXI	Tax Information	O	>1		
			LOOP ID - AMT			>1	
	287	AMT	Monetary Amount	O	1		

	288	AT	Financial Accounting	O	1		
	289	REF	Reference Numbers	O	>1		
			LOOP ID - N9		1000		
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1		200		
	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		
Not Used	345	NX2	Real Estate Property ID Component	O	3		
Not Used	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	>1		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
	420	PKG	Marking, Packaging, Loading	O	200		
			LOOP ID - LM		>1		
	430	LM	Code Source Information	O	1		
M	440	LQ	Industry Code	M	>1		
			LOOP ID - SPI		>1		
Not Used	450	SPI	Specification Identifier	O	1		
Not Used	460	REF	Reference Numbers	O	5		
Not Used	470	DTM	Date/Time Reference	O	5		
Not Used	480	MSG	Message Text	O	50		
			LOOP ID - N1		20		
Not Used	490	N1	Name	O	1		
Not Used	500	N2	Additional Name Information	O	2		
Not Used	510	N3	Address Information	O	2		
Not Used	520	N4	Geographic Location	O	1		
Not Used	530	REF	Reference Numbers	O	20		
Not Used	540	G61	Contact	O	1		
Not Used	550	MSG	Message Text	O	50		
			LOOP ID - CB1		>1		
Not Used	560	CB1	Contract and Cost Accounting Standards Data	O	1		
Not Used	570	REF	Reference Numbers	O	20		
Not Used	580	DTM	Date/Time Reference	O	5		
Not Used	590	LDT	Lead Time	O	1		
Not Used	600	MSG	Message Text	O	50		

## Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - PO1			100000	
M	010	PO1	Baseline Item Data	M	1	n2
Not Used	018	SI	Service Characteristic Identification	O	5	
Not Used	020	CUR	Currency	O	1	

Not Used	025	CN1	Contract Information	O	1		
	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
	049	MEA	Measurements	O	40		
LOOP ID - PID					1000		
	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Numbers	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
LOOP ID - SAC					25		
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	165	INC	Installment Information	O	1		
Not Used	170	TAX	Tax Reference	O	>1		
	180	FOB	F.O.B. Related Instructions	O	>1		
Not Used	190	SDQ	Destination Quantity	O	500		
Not Used	200	IT3	Additional Item Data	O	5		
Not Used	210	DTM	Date/Time Reference	O	10		
Not Used	235	TC2	Commodity	O	2		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	289	MSG	Message Text	O	>1		
Not Used	291	SPI	Specification Identifier	O	>1		
Not Used	292	TXI	Tax Information	O	>1		
LOOP ID - SCH					200		
Not Used	295	SCH	Line Item Schedule	O	1	n3	
Not Used	296	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	298	TD3	Carrier Details (Equipment)	O	12		
Not Used	299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
LOOP ID - PKG					200		
	300	PKG	Marking, Packaging, Loading	O	1		
Not Used	310	MEA	Measurements	O	>1		
	320	LS	Loop Header	O	1		
LOOP ID - LDT					>1		
	321	LDT	Lead Time	O	1		
Not Used	322	QTY	Quantity	O	>1		
Not Used	323	MSG	Message Text	O	1		
Not Used	324	REF	Reference Numbers	O	3		

			LOOP ID - LM			>1		
Not Used	325	LM	Code Source Information	O	1			
Not Used	326	LQ	Industry Code	M	>1			
	327	LE	Loop Trailer	O	1			
			LOOP ID - N9					
	330	N9	Reference Number	O	1			
Not Used	335	MEA	Measurements	O	40			
	340	MSG	Message Text	O	1000			
			LOOP ID - N1			200		
	350	N1	Name	O	1			
	360	N2	Additional Name Information	O	2			
	370	N3	Address Information	O	2			
	380	N4	Geographic Location	O	1			
Not Used	385	NX2	Real Estate Property ID Component	O	3			
Not Used	390	REF	Reference Numbers	O	12			
Not Used	400	PER	Administrative Communications Contact	O	3			
Not Used	410	FOB	F.O.B. Related Instructions	O	1			
Not Used	415	SCH	Line Item Schedule	O	200			
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2			
Not Used	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			
Not Used	440	TD3	Carrier Details (Equipment)	O	12			
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			
Not Used	460	PKG	Marking, Packaging, Loading	O	200			
			LOOP ID - LDT			>1		
Not Used	462	LDT	Lead Time	O	1			
Not Used	464	MAN	Marks and Numbers	O	10			
Not Used	466	QTY	Quantity	O	5			
Not Used	468	MSG	Message Text	O	1			
Not Used	469	REF	Reference Numbers	O	3			
			LOOP ID - N1			200		
	350	N1	Name	O	1			
	360	N2	Additional Name Information	O	2			
	370	N3	Address Information	O	2			
	380	N4	Geographic Location	O	1			
Not Used	385	NX2	Real Estate Property ID Component	O	3			
Not Used	390	REF	Reference Numbers	O	12			
Not Used	400	PER	Administrative Communications Contact	O	3			
Not Used	410	FOB	F.O.B. Related Instructions	O	1			
Not Used	415	SCH	Line Item Schedule	O	200			
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2			
Not Used	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			
Not Used	440	TD3	Carrier Details (Equipment)	O	12			
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			
Not Used	460	PKG	Marking, Packaging, Loading	O	200			
			LOOP ID - LDT			>1		
Not Used	462	LDT	Lead Time	O	1			
Not Used	464	MAN	Marks and Numbers	O	10			
Not Used	466	QTY	Quantity	O	5			

Not Used	468	MSG	Message Text	O	1	
Not Used	469	REF	Reference Numbers	O	3	
LOOP ID - SLN						1000
Not Used	470	SLN	Subline Item Detail	O	1	
Not Used	480	SI	Service Characteristic Identification	O	5	
Not Used	490	PID	Product/Item Description	O	1000	
Not Used	500	PO3	Additional Item Detail	O	104	
Not Used	505	TC2	Commodity	O	2	
LOOP ID - SAC						10
Not Used	510	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	515	CUR	Currency	O	1	
Not Used	520	DTM	Date/Time Reference	O	10	
Not Used	522	CTP	Pricing Information	O	25	
Not Used	523	PAM	Period Amount	O	10	
Not Used	524	PO4	Item Physical Details	O	1	
Not Used	527	TAX	Tax Reference	O	3	
LOOP ID - N1						10
Not Used	530	N1	Name	O	1	
Not Used	540	N2	Additional Name Information	O	2	
Not Used	550	N3	Address Information	O	2	
Not Used	560	N4	Geographic Location	O	1	
Not Used	570	NX2	Real Estate Property ID Component	O	3	
Not Used	580	REF	Reference Numbers	O	12	
Not Used	590	PER	Administrative Communications Contact	O	3	
LOOP ID - AMT						>1
	600	AMT	Monetary Amount	O	1	
	610	REF	Reference Numbers	O	1	
LOOP ID - LM						>1
	620	LM	Code Source Information	O	1	
M	630	LQ	Industry Code	M	>1	

## Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
M	010	CTT	Transaction Totals	M	1		n4
	020	AMT	Monetary Amount	O	1		n5
M	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **BEG** Beginning Segment for Purchase Order

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**

**Semantic Notes:** 1 BEG05 is the date assigned by the purchaser to purchase order.

**Comments:**

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 01 Cancellation	M ID 2/2
M	BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order RL Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order	M ID 2/2
M	BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
	BEG04	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
M	BEG05	373	<b>Date</b> Date (YYMMDD)	M DT 6/6
	BEG06	367	<b>Contract Number</b> Contract number	O AN 1/30
X	BEG07	587	<b>Acknowledgment Type</b> Code specifying the type of acknowledgment Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	BEG08	1019	<b>Invoice Type Code</b> Code defining the method by which invoices are to be processed Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 3/3
X	BEG09	1166	<b>Contract Type Code</b> Code identifying a contract type Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	BEG10	1232	<b>Purchase Category</b> Code identifying the broad category of products or services being acquired Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	BEG11	786	<b>Security Level Code</b> Code indicating the level of confidentiality assigned by the sender to the information following Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

**Segment:** **REF** Reference Numbers  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M</b> ID 2/2
	REF02	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>X</b> AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X</b> AN 1/80



<b>Segment:</b>	<b>FOB</b>	<b>F.O.B. Related Instructions</b>
<b>Position:</b>	080	
<b>Loop:</b>		
<b>Level:</b>	Heading	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	>1	
<b>Purpose:</b>	To specify transportation instructions relating to shipment	
<b>Syntax Notes:</b>	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
<b>Semantic Notes:</b>	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying the title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
<b>Comments:</b>		

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	FOB02	309	<b>Location Qualifier</b> Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
	FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
	FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
	FOB06	309	<b>Location Qualifier</b> Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
	FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
	FOB08	54	<b>Risk of Loss Qualifier</b> Code specifying where responsibility for risk of loss passes Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information

**Position:** 120

**Loop:** SAC Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**Syntax Notes:**

- 1 At least one of SAC02 or SAC03 is required.
- 2 If either SAC03 or SAC04 is present, then the other is required.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- 7 If SAC14 is present, then SAC13 is required.

**Semantic Notes:**

- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 3 SAC08 is the allowance or charge rate per unit.
- 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

**Comments:**

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC03	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC04	1301 Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
		Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610 Amount	O N2 1/15
		Monetary amount	
	SAC06	378 Allowance/Charge Percent Qualifier	X ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC07	332 Percent	X R 1/6

		Percent expressed as a percent		
<b>SAC08</b>	<b>118</b>	<b>Rate</b>	<b>O</b>	<b>R 1/9</b>
		Rate expressed in the standard monetary denomination for the currency specified		
<b>SAC09</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>X</b>	<b>ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>SAC10</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SAC11</b>	<b>380</b>	<b>Quantity</b>	<b>O</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code indicating method of handling for an allowance or charge		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>SAC13</b>	<b>127</b>	<b>Reference Number</b>	<b>X</b>	<b>AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
<b>SAC14</b>	<b>770</b>	<b>Option Number</b>	<b>O</b>	<b>AN 1/20</b>
		A unique number identifying available promotion or allowance options when more than one is offered		
<b>SAC15</b>	<b>352</b>	<b>Description</b>	<b>O</b>	<b>AN 1/80</b>
		A free-form description to clarify the related data elements and their content		

<b>Segment:</b>	<b>ITD</b>	<b>Terms of Sale/Deferred Terms of Sale</b>
<b>Position:</b>	130	
<b>Loop:</b>		
<b>Level:</b>	Heading	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	5	
<b>Purpose:</b>	To specify terms of sale	
<b>Syntax Notes:</b>	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
<b>Semantic Notes:</b>	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
<b>Comments:</b>	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Data Element Summary			
<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned	X DT 6/6
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due	O DT 6/6
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount	O N2 1/10
ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due	O DT 6/6
ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment	X N2 1/10
ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent	X R 1/5
ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
ITD13	765	<b>Day of Month</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
ITD14	107	<b>Payment Method Code</b> Code identifying type of payment procedures Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1
ITD15	954	<b>Percent</b>	O R 1/10

Percentage expressed as a decimal

**Segment:** **DTM** **Date/Time Reference**  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.  
2 If either DTM06 or DTM07 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 996 Required Delivery A date on which or before, ordered goods or services must be delivered	M ID 3/3
	DTM02	373	<b>Date</b> Date (YYMMDD)	X DT 6/6
X	DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
X	DTM04	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	DTM05	624	<b>Century</b> The first two characters in the designation of the year (CCYY)	O N0 2/2
X	DTM06	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
X	DTM07	1251	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

**Segment:** **LDT** Lead Time  
**Position:** 160  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>M</b>	<b>LDT01</b>	<b>345</b>	<b>Lead Time Code</b> Code indicating the time range Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
<b>M</b>	<b>LDT02</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>M R 1/15</b>
<b>M</b>	<b>LDT03</b>	<b>344</b>	<b>Unit of Time Period or Interval</b> Code indicating the time period or interval Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
	<b>LDT04</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>O DT 6/6</b>

<b>Segment:</b>	<b>PID</b> <b>Product/Item Description</b>
<b>Position:</b>	190
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PID01	349 <b>Item Description Type</b>	M ID 1/1
		Code indicating the format of a description	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID02	750 <b>Product/Process Characteristic Code</b>	O ID 2/3
		Code identifying the general class of a product or process characteristic	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID03	559 <b>Agency Qualifier Code</b>	X ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID04	751 <b>Product Description Code</b>	X AN 1/12
		A code from an industry code list which provides specific data about a product characteristic	
	PID05	352 <b>Description</b>	X AN 1/80
		A free-form description to clarify the related data elements and their content	
	PID06	752 <b>Surface/Layer/Position Code</b>	O ID 2/2
		Code indicating the product surface, layer or position that is being described	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID07	822 <b>Source Subqualifier</b>	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	
	PID08	1073 <b>Yes/No Condition or Response Code</b>	O ID 1/1
		Code indicating a Yes or No condition or response	
		Refer to 003050 Data Element Dictionary for acceptable code values.	



<b>Segment:</b>	<b>PKG</b>	<b>Marking, Packaging, Loading</b>
<b>Position:</b>	220	
<b>Loop:</b>		
<b>Level:</b>	Heading	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	200	
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements	
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>	
<b>Semantic Notes:</b>	1 PKG04 should be used for industry-specific packaging description codes.	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>	

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/5
PKG03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	X AN 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
PKG06	400	<b>Unit Load Option Code</b> Code identifying loading or unloading a shipment Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2

**Segment:** **AMT** Monetary Amount  
**Position:** 287  
**Loop:** AMT Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>M</b>	<b>AMT01</b>	<b>522</b>	<b>Amount Qualifier Code</b> Code to qualify amount Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 1/2</b>
<b>M</b>	<b>AMT02</b>	<b>782</b>	<b>Monetary Amount</b> Monetary amount	<b>M R 1/15</b>
	<b>AMT03</b>	<b>478</b>	<b>Credit/Debit Flag Code</b> Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O ID 1/1</b>

**Segment:** **AT** **Financial Accounting**  
**Position:** 288  
**Loop:** AMT Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit financial accounting data  
**Syntax Notes:** 1 If AT10 is present, then AT01 is required.  
**Semantic Notes:**  
**Comments:** 1 AT09 identifies unique local activity financial accounting information.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
AT01	1271	<b>Industry Code</b>	<b>X</b> AN 1/20
		Code indicating a code from a specific industry code list	
AT02	1282	<b>Treasury Symbol Number</b>	<b>O</b> AN 7/21
		Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure	
AT03	1283	<b>Budget Activity Number</b>	<b>O</b> AN 1/16
		Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	
AT04	1284	<b>Object Class Number</b>	<b>O</b> AN 3/12
		Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	
AT05	1285	<b>Reimbursable Source Number</b>	<b>O</b> AN 1/3
		Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	
AT06	1286	<b>Transaction Reference Number</b>	<b>O</b> AN 4/20
		Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	
AT07	1287	<b>Accountable Station Number</b>	<b>O</b> AN 3/8
		Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure	
AT08	1288	<b>Paying Station Number</b>	<b>O</b> AN 8/14
		Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure	
AT09	352	<b>Description</b>	<b>O</b> AN 1/80
		A free-form description to clarify the related data elements and their content	
AT10	1270	<b>Code List Qualifier Code</b>	<b>O</b> ID 1/3
		Code identifying a specific industry code list	
		Refer to 003050 Data Element Dictionary for acceptable code values.	

**Segment:** **REF** Reference Numbers  
**Position:** 289  
**Loop:** AMT Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
	REF02	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>X AN 1/30</b>
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X AN 1/80</b>

**Segment:** **N9** **Reference Number**  
**Position:** 290  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier  
**Syntax Notes:** 1 At least one of N902 or N903 is required.  
2 If N906 is present, then N905 is required.  
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.  
**Comments:**

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. KD Special Instructions Number	M ID 2/2
X	N902	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	N903	369	<b>Free-form Description</b> Free-form descriptive text "REMARKS" will be hardcoded in this element. REMARKS	X AN 1/45
X	N904	373	<b>Date</b> Date (YYMMDD)	O DT 6/6
X	N905	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
X	N906	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
M	Ref.	Data	Name	Attributes
	Des.	Element		
	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	
	N102	93	Name	X AN 1/35
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67) Refer to 003050 Data Element Dictionary for acceptable code values.	
	N104	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship Refer to 003050 Data Element Dictionary for acceptable code values.	
	N106	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	

**Segment:** N2 Additional Name Information  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35



**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

**Segment:** **N4 Geographic Location**  
**Position:** 340  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

**Segment:** **PER Administrative Communications Contact**  
**Position:** 360  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
	PER02	93	<b>Name</b> Free-form name	<b>O AN 1/35</b>
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER07	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
	PER08	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>
	PER09	443	<b>Contact Inquiry Reference</b> Additional reference number or description to clarify a contact number	<b>O AN 1/20</b>

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	420
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	1 PKG04 should be used for industry-specific packaging description codes.
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	<b>Item Description Type</b> Code indicating the format of a description Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/5
PKG03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	X AN 1/7
PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
PKG06	400	<b>Unit Load Option Code</b> Code identifying loading or unloading a shipment Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2

**Segment:** **LM** **Code Source Information**  
**Position:** 430  
**Loop:** LM Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	
	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

**Segment:** **LQ** Industry Code  
**Position:** 440  
**Loop:** LM Optional  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

<b>Segment:</b>	<b>PO1</b>	<b>Baseline Item Data</b>
<b>Position:</b>	010	
<b>Loop:</b>	PO1	Mandatory
<b>Level:</b>	Detail	
<b>Usage:</b>	Mandatory	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To specify basic and most frequently used line item data	
<b>Syntax Notes:</b>	1	If PO103 is present, then PO102 is required.
	2	If PO105 is present, then PO104 is required.
	3	If either PO106 or PO107 is present, then the other is required.
	4	If either PO108 or PO109 is present, then the other is required.
	5	If either PO110 or PO111 is present, then the other is required.
	6	If either PO112 or PO113 is present, then the other is required.
	7	If either PO114 or PO115 is present, then the other is required.
	8	If either PO116 or PO117 is present, then the other is required.
	9	If either PO118 or PO119 is present, then the other is required.
	10	If either PO120 or PO121 is present, then the other is required.
	11	If either PO122 or PO123 is present, then the other is required.
	12	If either PO124 or PO125 is present, then the other is required.
<b>Semantic Notes:</b>		
<b>Comments:</b>	1	See the Data Dictionary for a complete list of ID's.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
	PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set 000100	<b>O AN 1/11</b>
	PO102	330	<b>Quantity Ordered</b> Quantity ordered	<b>X R 1/9</b>
	PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
	PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	<b>X R 1/17</b>
X	PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
	PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
	PO107	234	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/40</b>
X	PO108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
X	PO109	234	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/40</b>

X	PO110	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO111	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO112	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO113	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO114	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO115	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO116	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO117	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO118	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO119	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO120	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO121	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO122	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO123	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
X	PO124	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
X	PO125	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40



**Segment:** **PO3 Additional Item Detail**  
**Position:** 030  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify additional item-related data involving variations in normal price/quantity structure  
**Syntax Notes:** 1 If PO304 is present, then at least one of PO303 or PO305 is required.  
**Semantic Notes:**  
**Comments:** 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).  
2 PO307 defines the unit of measure for PO306.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PO301	371	<b>Change Reason Code</b> Code specifying the reason for price or quantity change Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	PO302	373	<b>Date</b> Date (YYMMDD)	O DT 6/6
	PO303	236	<b>Price Identifier Code</b> Code identifying pricing specification Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
	PO304	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	O R 1/17
	PO305	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
M	PO306	380	<b>Quantity</b> Numeric value of quantity	M R 1/15
M	PO307	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	PO308	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** MEA Measurements

**Position:** 049

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 40

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
MEA01	737	<b>Measurement Reference ID Code</b>	<b>O ID 2/2</b>
		Code identifying the broad category to which a measurement applies Refer to 003050 Data Element Dictionary for acceptable code values.	
MEA02	738	<b>Measurement Qualifier</b>	<b>O ID 1/3</b>
		Code identifying a specific product or process characteristic to which a measurement applies Refer to 003050 Data Element Dictionary for acceptable code values.	
MEA03	739	<b>Measurement Value</b>	<b>X R 1/20</b>
		The value of the measurement	
MEA04	C001	<b>Composite Unit of Measure</b>	<b>X</b>
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	
	C00102	<b>Exponent</b>	<b>O R 1/15</b>
		Power to which a unit is raised	
	C00103	<b>Multiplier</b>	<b>O R 1/10</b>
		Value to be used as a multiplier to obtain a new value	
	C00104	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	
	C00105	<b>Exponent</b>	<b>O R 1/15</b>
		Power to which a unit is raised	
	C00106	<b>Multiplier</b>	<b>O R 1/10</b>
		Value to be used as a multiplier to obtain a new value	
	C00107	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	
	C00108	<b>Exponent</b>	<b>O R 1/15</b>

		Power to which a unit is raised		
<b>C00109</b>	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R 1/10</b>
		Value to be used as a multiplier to obtain a new value		
<b>C00110</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>C00111</b>	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R 1/15</b>
		Power to which a unit is raised		
<b>C00112</b>	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R 1/10</b>
		Value to be used as a multiplier to obtain a new value		
<b>C00113</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>C00114</b>	<b>1018</b>	<b>Exponent</b>	<b>O</b>	<b>R 1/15</b>
		Power to which a unit is raised		
<b>C00115</b>	<b>649</b>	<b>Multiplier</b>	<b>O</b>	<b>R 1/10</b>
		Value to be used as a multiplier to obtain a new value		
<b>MEA05</b>	<b>740</b>	<b>Range Minimum</b>	<b>X</b>	<b>R 1/20</b>
		The value specifying the minimum of the measurement range		
<b>MEA06</b>	<b>741</b>	<b>Range Maximum</b>	<b>X</b>	<b>R 1/20</b>
		The value specifying the maximum of the measurement range		
<b>MEA07</b>	<b>935</b>	<b>Measurement Significance Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code used to benchmark, qualify or further define a measurement value		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>MEA08</b>	<b>936</b>	<b>Measurement Attribute Code</b>	<b>X</b>	<b>ID 2/2</b>
		Code used to express an attribute response when a numeric measurement value cannot be determined		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code indicating the product surface, layer or position that is being described		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>MEA10</b>	<b>1373</b>	<b>Measurement Method or Device</b>	<b>O</b>	<b>ID 2/4</b>
		The method or device used to record the measurement		
		Refer to 003050 Data Element Dictionary for acceptable code values.		

<b>Segment:</b>	<b>PID</b> <b>Product/Item Description</b>
<b>Position:</b>	050
<b>Loop:</b>	PID     Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	<b>Item Description Type</b> Code indicating the format of a description F                      Free-form	M   ID 1/1
X	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic Refer to 003050 Data Element Dictionary for acceptable code values.	O   ID 2/3
X	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	X   ID 2/2
X	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	X   AN 1/12
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X   AN 1/80
X	PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.	O   ID 2/2
X	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	O   AN 1/15
X	PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response Refer to 003050 Data Element Dictionary for acceptable code values.	O   ID 1/1

<b>Segment:</b>	<b>PO4</b> Item Physical Details
<b>Position:</b>	090
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify the physical qualities, packaging, weights, and dimensions relating to the item
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either PO402 or PO403 is present, then the other is required.</li> <li>2 If PO405 is present, then PO406 is required.</li> <li>3 If either PO406 or PO407 is present, then the other is required.</li> <li>4 If either PO408 or PO409 is present, then the other is required.</li> <li>5 If PO410 is present, then PO413 is required.</li> <li>6 If PO411 is present, then PO413 is required.</li> <li>7 If PO412 is present, then PO413 is required.</li> <li>8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.</li> <li>2 PO413 defines the unit of measure for PO410, PO411, and PO412.</li> </ol>

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>PO401</b>	<b>356 Pack</b>	<b>O N0 1/6</b>
	Number of inner pack units per outer pack unit	
<b>PO402</b>	<b>357 Size</b>	<b>X R 1/8</b>
	Size of supplier units in pack	
<b>PO403</b>	<b>355 Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO404</b>	<b>103 Packaging Code</b>	<b>O AN 3/5</b>
	Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
	Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO405</b>	<b>187 Weight Qualifier</b>	<b>O ID 1/2</b>
	Code defining the type of weight	
	Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO406</b>	<b>384 Gross Weight per Pack</b>	<b>X R 1/9</b>
	Numeric value of gross weight per pack	
<b>PO407</b>	<b>355 Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO408</b>	<b>385 Gross Volume per Pack</b>	<b>X R 1/9</b>
	Numeric value of gross volume per pack	
<b>PO409</b>	<b>355 Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO410</b>	<b>82 Length</b>	<b>X R 1/8</b>
	Largest horizontal dimension of an object measured when the object is in the	

<b>PO411</b>	<b>189</b>	upright position <b>Width</b>	<b>X</b>	<b>R 1/8</b>
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
<b>PO412</b>	<b>65</b>	<b>Height</b>	<b>X</b>	<b>R 1/8</b>
		Vertical dimension of an object measured when the object is in the upright position		
<b>PO413</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>X</b>	<b>ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>PO414</b>	<b>810</b>	<b>Inner Pack</b>	<b>O</b>	<b>N0 1/6</b>
		Number of units in each selling pack		

**Segment:** REF Reference Numbers  
**Position:** 100  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			IL Internal Order Number	
			P4 Project Code	
			PH Priority Rating	
			RQ Purchase Requisition No.	
			T4 Signal Code	
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
			XE Transportation Priority Number	
			Number indicating the level of government priority associated with the transportation of a shipment	
			ZZ Mutually Defined	
	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
X	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

**Segment:** **SAC** **Service, Promotion, Allowance, or Charge Information**

**Position:** 130

**Loop:** SAC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC03	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC04	1301 Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
		Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610 Amount	O N2 1/15
		Monetary amount	
	SAC06	378 Allowance/Charge Percent Qualifier	X ID 1/1
		Code indicating on what basis allowance or charge percent is calculated	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC07	332 Percent	X R 1/6



		Percent expressed as a percent		
<b>SAC08</b>	<b>118</b>	<b>Rate</b>	<b>O</b>	<b>R 1/9</b>
		Rate expressed in the standard monetary denomination for the currency specified		
<b>SAC09</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>X</b>	<b>ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>SAC10</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SAC11</b>	<b>380</b>	<b>Quantity</b>	<b>O</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code indicating method of handling for an allowance or charge		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>SAC13</b>	<b>127</b>	<b>Reference Number</b>	<b>X</b>	<b>AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
<b>SAC14</b>	<b>770</b>	<b>Option Number</b>	<b>O</b>	<b>AN 1/20</b>
		A unique number identifying available promotion or allowance options when more than one is offered		
<b>SAC15</b>	<b>352</b>	<b>Description</b>	<b>O</b>	<b>AN 1/80</b>
		A free-form description to clarify the related data elements and their content		

<b>Segment:</b>	<b>FOB</b>	<b>F.O.B. Related Instructions</b>
<b>Position:</b>	180	
<b>Loop:</b>	PO1	Mandatory
<b>Level:</b>	Detail	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	>1	
<b>Purpose:</b>	To specify transportation instructions relating to shipment	
<b>Syntax Notes:</b>	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
<b>Semantic Notes:</b>	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying the title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
<b>Comments:</b>		

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	FOB02	309	<b>Location Qualifier</b> Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
	FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
	FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
	FOB06	309	<b>Location Qualifier</b> Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
	FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
	FOB08	54	<b>Risk of Loss Qualifier</b> Code specifying where responsibility for risk of loss passes Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

<b>Segment:</b>	<b>PKG</b>	<b>Marking, Packaging, Loading</b>
<b>Position:</b>	300	
<b>Loop:</b>	PKG	Optional
<b>Level:</b>	Detail	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements	
<b>Syntax Notes:</b>	<b>1</b> At least one of PKG04 PKG05 or PKG06 is required. <b>2</b> If PKG04 is present, then PKG03 is required. <b>3</b> If PKG05 is present, then PKG01 is required.	
<b>Semantic Notes:</b>	<b>1</b> PKG04 should be used for industry-specific packaging description codes.	
<b>Comments:</b>	<b>1</b> Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. <b>2</b> If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. <b>3</b> Use PKG03 to indicate the organization that publishes the code list being referred to. <b>4</b> Special marking or tagging data can be given in PKG05 (description).	

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
	PKG01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	X ID 1/1
X	PKG02	753	<b>Packaging Characteristic Code</b> Code specifying the marking, packaging, loading and related characteristics being described Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/5
X	PKG03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	PKG04	754	<b>Packaging Description Code</b> A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	X AN 1/7
	PKG05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
X	PKG06	400	<b>Unit Load Option Code</b> Code identifying loading or unloading a shipment Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2

<b>Segment:</b>	<b>LS</b> Loop Header
<b>Position:</b>	320
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To indicate that the next segment begins a loop
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	<b>1</b> One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
<b>Comments:</b>	<b>1</b> See Figures Appendix for an explanation of the use of the LS and LE segments.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>M</b>	<b>LS01</b>	<b>447</b>	<b>Loop Identifier Code</b>	<b>M AN 1/4</b>
The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE				

**Segment:** **LDT** **Lead Time**  
**Position:** 321  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>M</b>	<b>LDT01</b>	<b>345</b>	<b>Lead Time Code</b> Code indicating the time range Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
<b>M</b>	<b>LDT02</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>M R 1/15</b>
<b>M</b>	<b>LDT03</b>	<b>344</b>	<b>Unit of Time Period or Interval</b> Code indicating the time period or interval Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
	<b>LDT04</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>O DT 6/6</b>

<b>Segment:</b>	<b>LE</b> Loop Trailer
<b>Position:</b>	327
<b>Loop:</b>	PO1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To indicate that the loop immediately preceding this segment is complete
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	<b>1</b> One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
<b>Comments:</b>	<b>1</b> See Figures Appendix for an explanation of the use of the LE and LS segments.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>M</b>	<b>LE01</b>	<b>447</b>	<b>Loop Identifier Code</b>	<b>M AN 1/4</b>
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	

**Segment:** **N9** **Reference Number**  
**Position:** 330  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier  
**Syntax Notes:** 1 At least one of N902 or N903 is required.  
2 If N906 is present, then N905 is required.  
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M</b> <b>ID 2/2</b>
	N902	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>X</b> <b>AN 1/30</b>
	N903	369	<b>Free-form Description</b> Free-form descriptive text	<b>X</b> <b>AN 1/45</b>
	N904	373	<b>Date</b> Date (YYMMDD)	<b>O</b> <b>DT 6/6</b>
	N905	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X</b> <b>TM 4/8</b>
	N906	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O</b> <b>ID 2/2</b>

**Segment:** **MSG** Message Text  
**Position:** 340  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary			
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u> <u>Name</u>	<u>Attributes</u>
M	MSG01	933 <b>Free-Form Message Text</b> Free-form message text	<b>M</b> <b>AN 1/264</b>
	MSG02	934 <b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O</b> <b>ID 2/2</b>



**Segment:** **N1** Name  
**Position:** 350  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

Data Element Summary					
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			SK Secondary Location Address (SLA)		
			Identifies a physical address location in which a telecommunications circuit terminates; this address is in addition to a main service address		
X	N102	93	Name	X	AN 1/35
			Free-form name		
	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
X	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

**Segment:** N2 Additional Name Information  
**Position:** 360  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

**Segment:** N3 Address Information  
**Position:** 370  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

**Segment:** **N4 Geographic Location**  
**Position:** 380  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

**Segment:** **N1** Name  
**Position:** 350  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual 31 Postal Mailing Address AE Additional Delivery Address	M ID 2/2
	N102	93	<b>Name</b> Free-form name	X AN 1/35
X	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
X	N104	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/20
X	N105	706	<b>Entity Relationship Code</b> Code describing entity relationship Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	N106	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

**Segment:** N2 Additional Name Information  
**Position:** 360  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

**Segment:** N3 Address Information  
**Position:** 370  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

**Segment:** **N4 Geographic Location**  
**Position:** 380  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element			
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
X	N404	26 Country Code	O	ID 2/3
		Code identifying the country		
X	N405	309 Location Qualifier	X	ID 1/2
		Code identifying type of location		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
X	N406	310 Location Identifier	O	AN 1/30
		Code which identifies a specific location		



**Segment:** **AMT** Monetary Amount  
**Position:** 600  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 1/2
M	AMT02	782	Monetary Amount Monetary amount	M R 1/15
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1

**Segment:** **REF** Reference Numbers  
**Position:** 610  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M</b> ID 2/2
	REF02	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>X</b> AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>X</b> AN 1/80

**Segment:** **LM** **Code Source Information**  
**Position:** 620  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.

Data Element Summary			
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u> <u>Name</u>	<u>Attributes</u>
M	LM01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	
	LM02	822 Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	

**Segment:** **LQ** Industry Code  
**Position:** 630  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

**Segment:** **CTT Transaction Totals**  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set	M N0 1/6
X	CTT02	347	<b>Hash Total</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.  Example:  -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
X	CTT03	81	<b>Weight</b> Numeric value of weight	X R 1/10
X	CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT05	183	<b>Volume</b> Value of volumetric measure	X R 1/8
X	CTT06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** **AMT** Monetary Amount  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 1/2
M	AMT02	782	Monetary Amount Monetary amount	M R 1/15
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

Data Element Summary			
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u> <u>Attributes</u>
M	SE01	96	<b>Number of Included Segments</b> <b>M N0 1/10</b> Total number of segments included in a transaction set including ST and SE segments
M	SE02	329	<b>Transaction Set Control Number</b> <b>M AN 4/9</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set